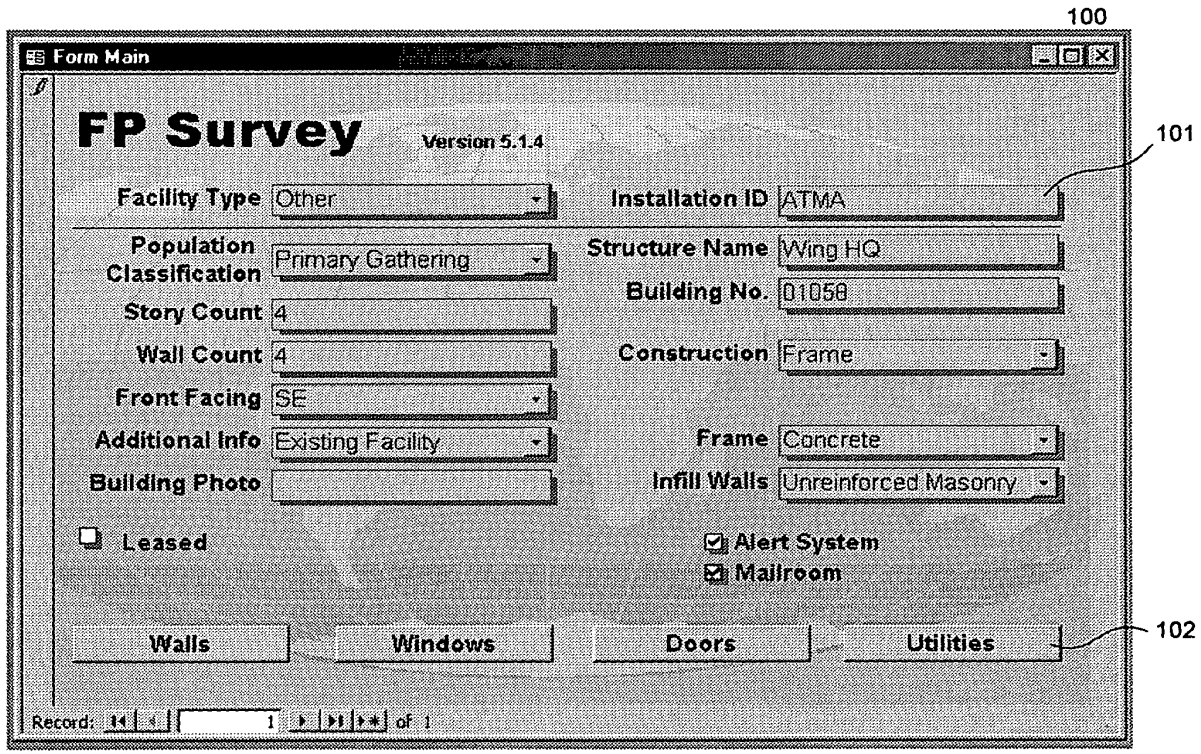

100
Form Main
FP Survey
Version 5.1.4
101
Facility Type
Other
Installation ID
ATMA
Population Classification
Primary Gathering
Structure Name
Wing HQ
Building No.
01058
Story Count
4
Wall Count
4
Construction
Frame
Front Facing
SE
Additional Info
Existing Facility
Frame
Concrete
Building Photo
Infill Walls
Unreinforced Masonry
Leased
Alert System
Mailroom
Walls
Windows
Doors
Utilities
102
Record:
1
of 1

FIG. 1

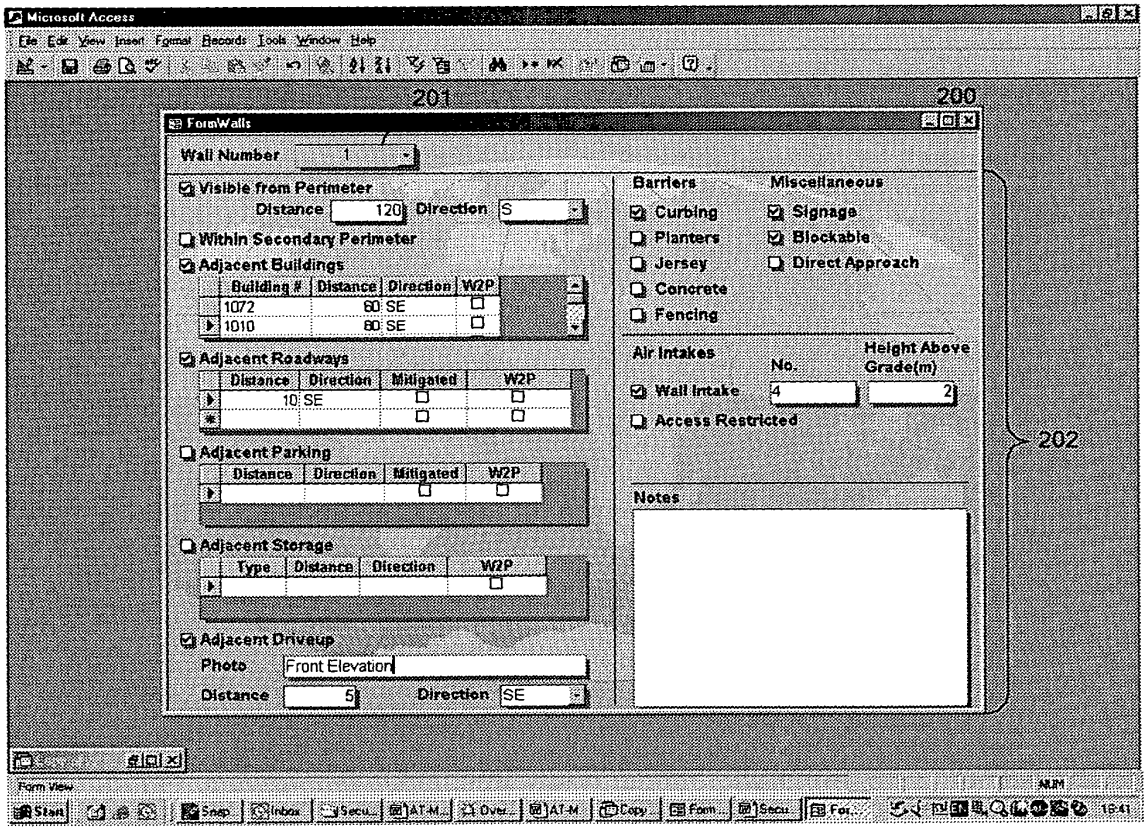

Microsoft Access
File Edit View Insert Format Records Tools Window Help
201
200
FormWalls
Wall Number 1
Visible from Perimeter
Distance 120 Direction S
Within Secondary Perimeter
Adjacent Buildings
Building # Distance Direction W2P
1072 80 SE
1010 80 SE
Adjacent Roadways
Distance Direction Mitigated W2P
10 SE
Adjacent Parking
Distance Direction Mitigated W2P
Adjacent Storage
Type Distance Direction W2P
Adjacent Driveup
Photo Front Elevation
Distance 5 Direction SE
Barriers
Curbing
Planters
Jersey
Concrete
Fencing
Miscellaneous
Signage
Blockable
Direct Approach
Air Intakes
No.
Height Above Grade(m)
Wall Intake 4 2
Access Restricted
Notes
202
Form View
NUM
Start

FIG. 2

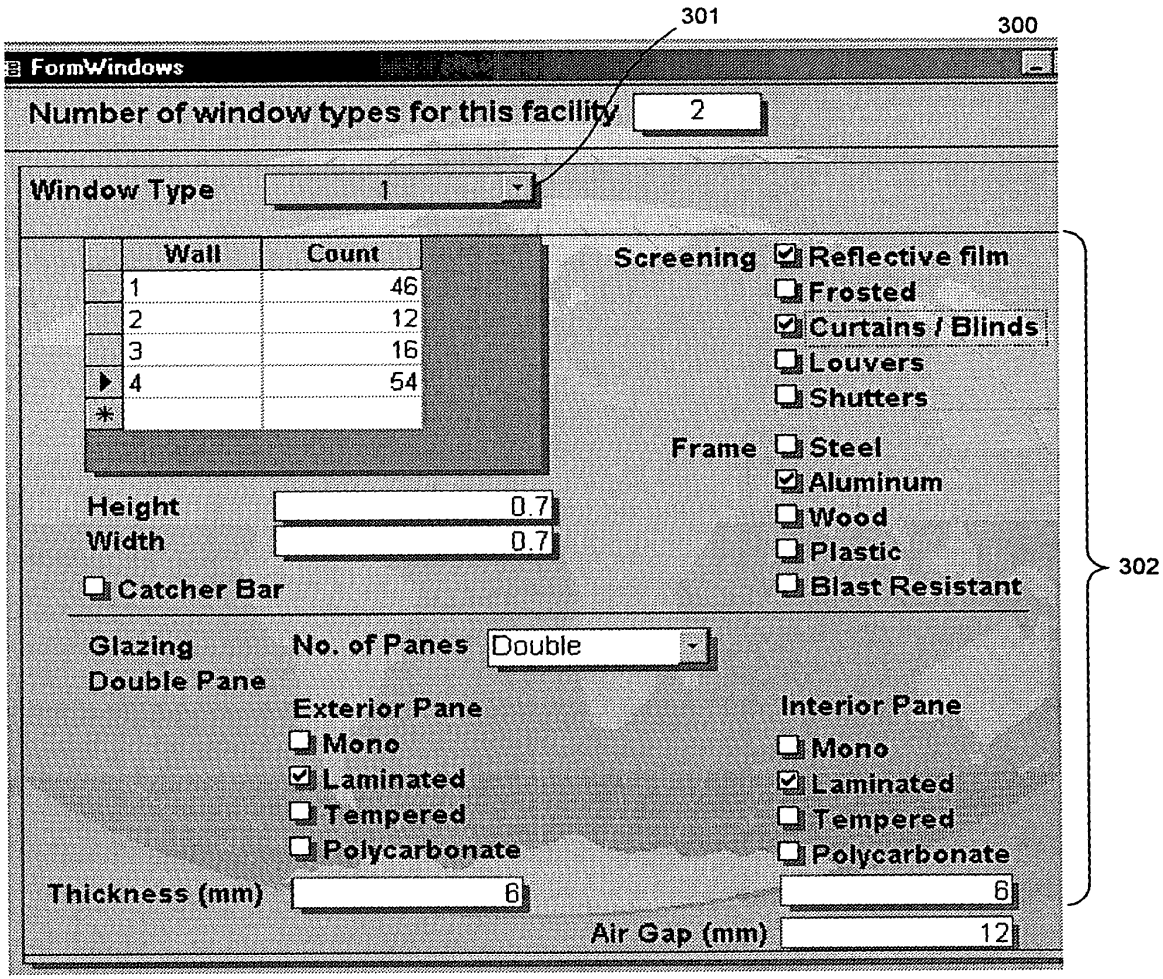

301
300
FormWindows
Number of window types for this facility
2
Window Type
1
Wall
Count
1
46
2
12
3
16
4
54
Height
0.7
Width
0.7
Catcher Bar
Screening
Reflective film
Frosted
Curtains / Blinds
Louvers
Shutters
Frame
Steel
Aluminum
Wood
Plastic
Blast Resistant
302
Glazing
Double Pane
No. of Panes
Double
Exterior Pane
Mono
Laminated
Tempered
Polycarbonate
Interior Pane
Mono
Laminated
Tempered
Polycarbonate
Thickness (mm)
6
6
Air Gap (mm)
12

FIG. 3

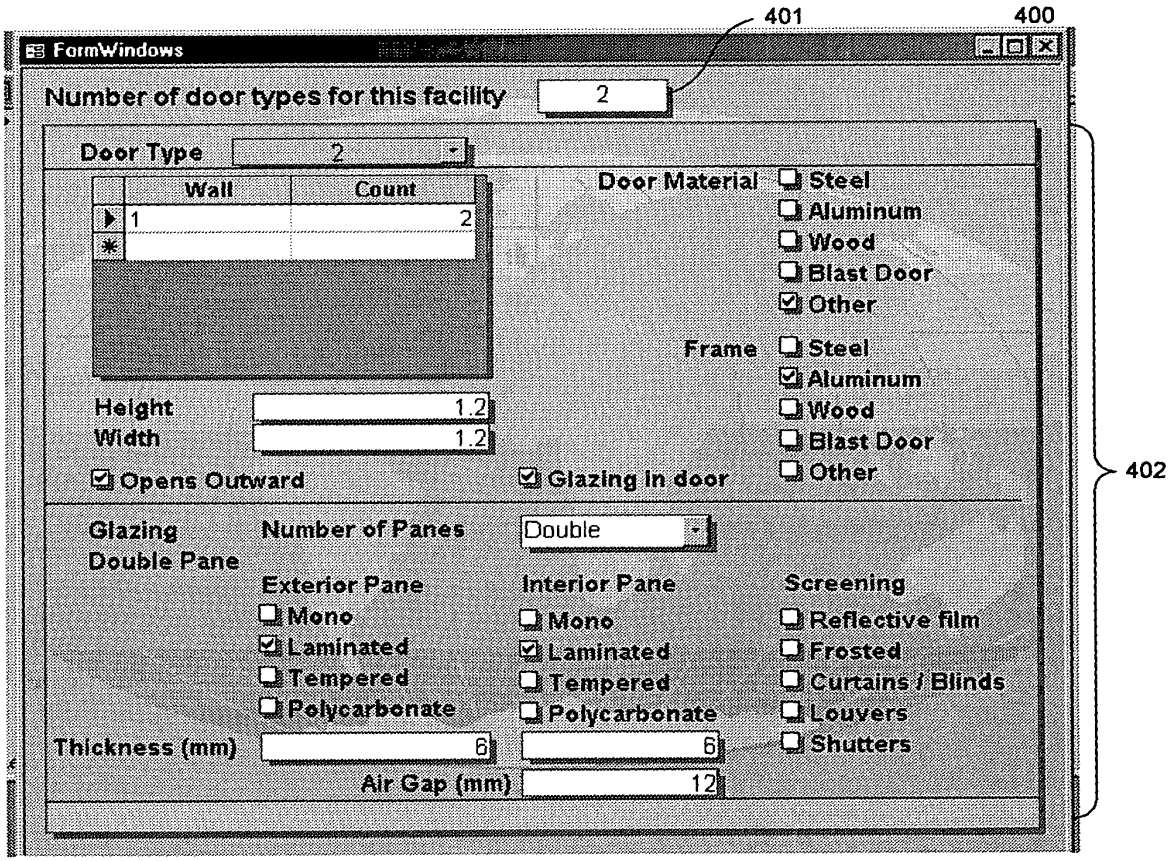

401
400
FormWindows
Number of door types for this facility
2
Door Type
2
Wall
Count
1
2
Door Material
Steel
Aluminum
Wood
Blast Door
Other
Frame
Steel
Aluminum
Wood
Blast Door
Other
Height
1.2
Width
1.2
Opens Outward
Glazing in door
402
Glazing
Double Pane
Number of Panes
Double
Exterior Pane
Mono
Laminated
Tempered
Polycarbonate
Interior Pane
Mono
Laminated
Tempered
Polycarbonate
Screening
Reflective film
Frosted
Curtains / Blinds
Louvers
Shutters
Thickness (mm)
6
6
Air Gap (mm)
12

FIG. 4

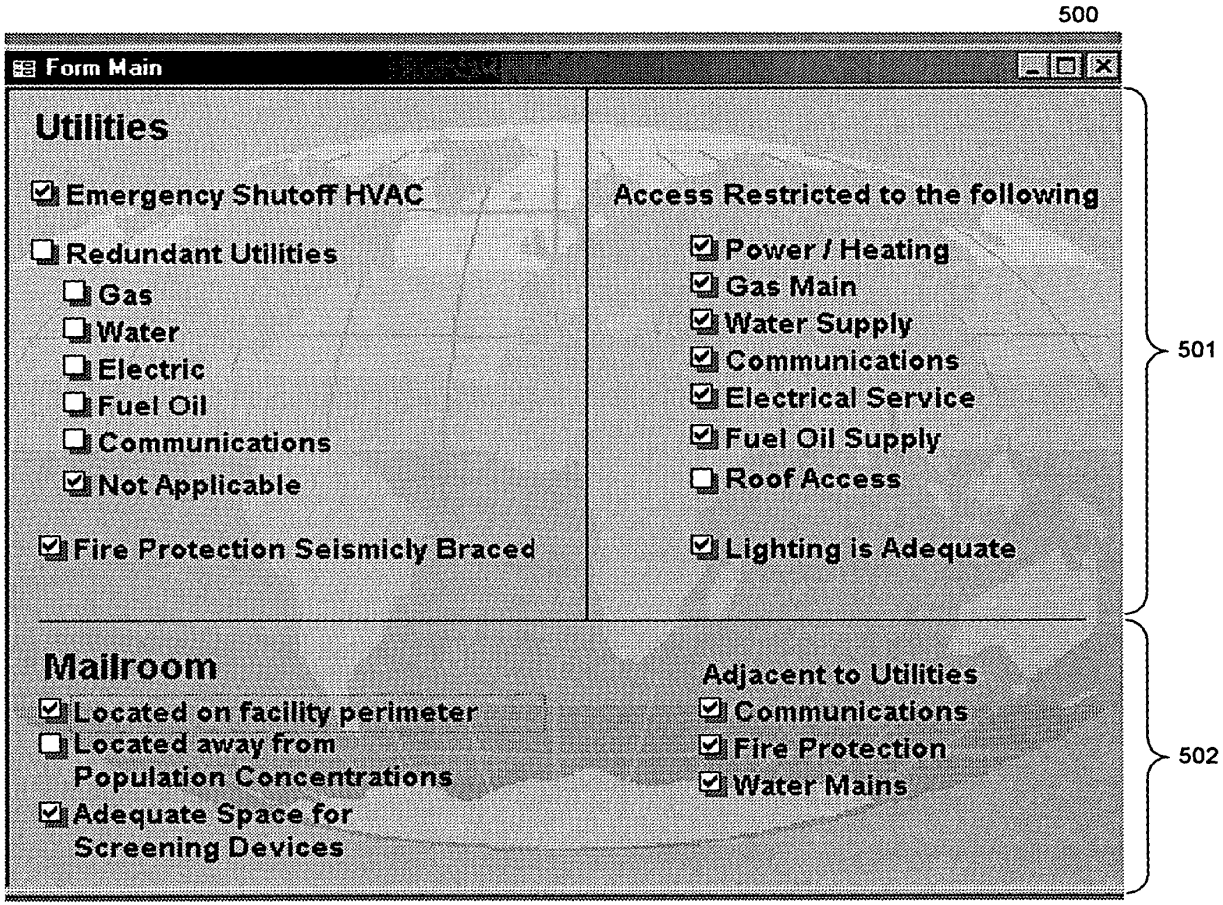

500
Form Main
Utilities
Emergency Shutoff HVAC
Redundant Utilities
Gas
Water
Electric
Fuel Oil
Communications
Not Applicable
Fire Protection Seismicly Braced
Access Restricted to the following
Power / Heating
Gas Main
Water Supply
Communications
Electrical Service
Fuel Oil Supply
Roof Access
Lighting is Adequate
501
Mailroom
Located on facility perimeter
Located away from Population Concentrations
Adequate Space for Screening Devices
Adjacent to Utilities
Communications
Fire Protection
Water Mains
502

FIG. 5

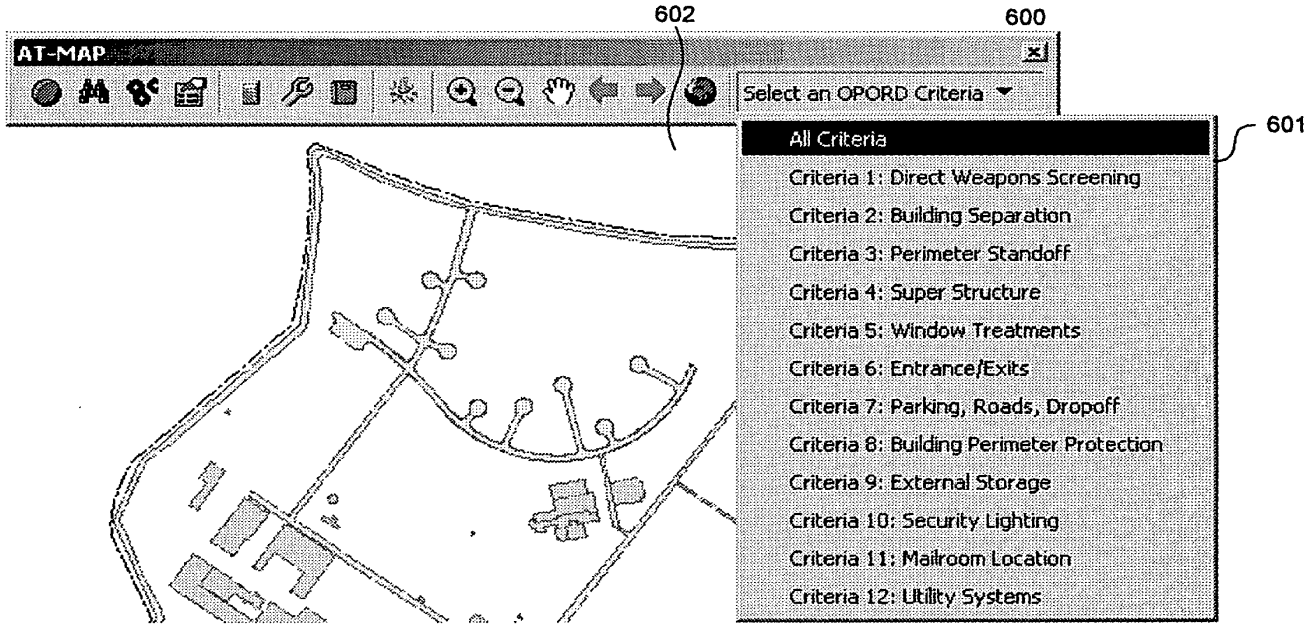

602
600
AT-MAP
Select an OPORD Criteria
601
All Criteria
Criteria 1: Direct Weapons Screening
Criteria 2: Building Separation
Criteria 3: Perimeter Standoff
Criteria 4: Super Structure
Criteria 5: Window Treatments
Criteria 6: Entrance/Exits
Criteria 7: Parking, Roads, Dropoff
Criteria 8: Building Perimeter Protection
Criteria 9: External Storage
Criteria 10: Security Lighting
Criteria 11: Mailroom Location
Criteria 12: Utility Systems

FIG. 6

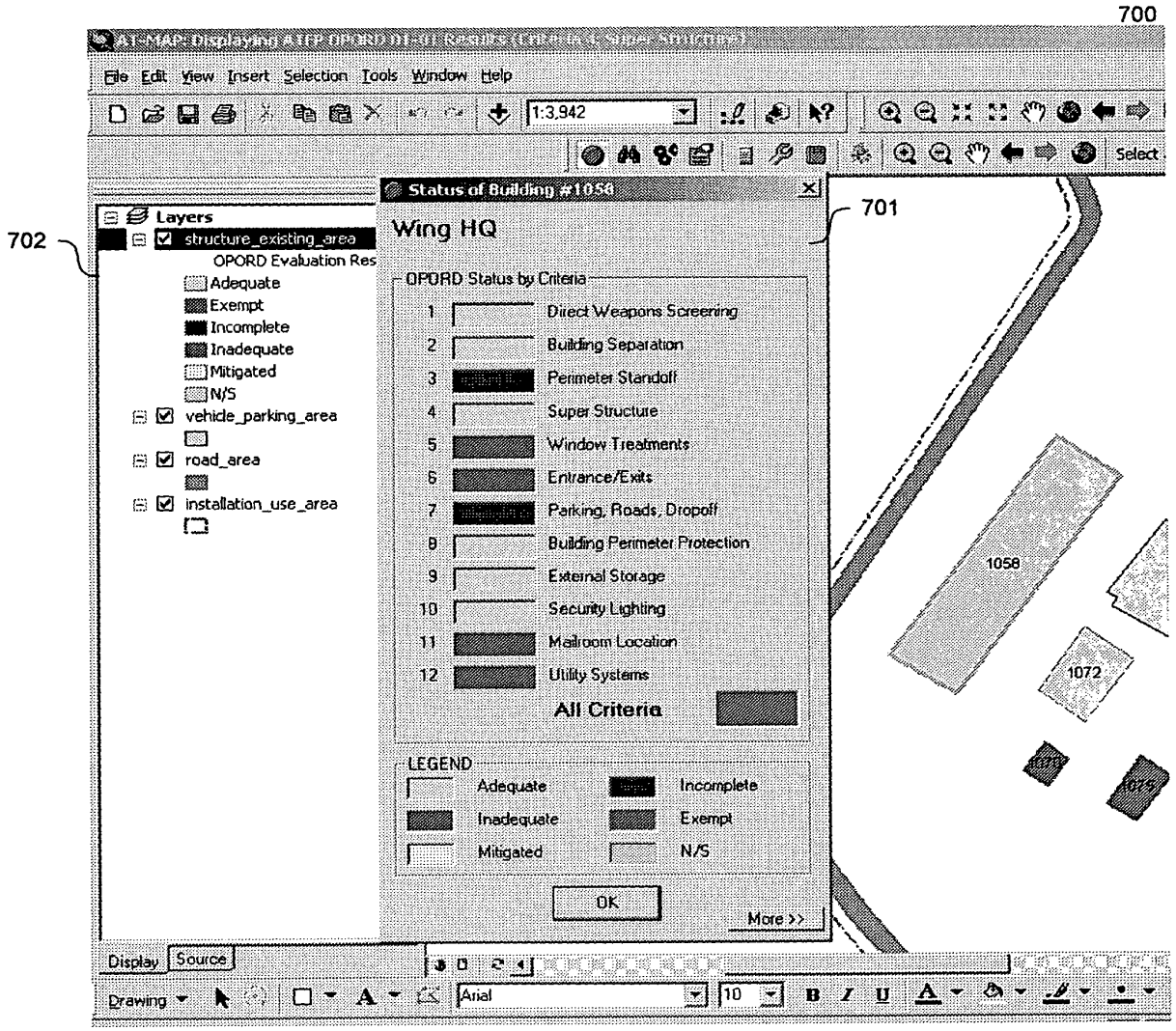

700
File Edit View Insert Selection Tools Window Help
1:3,942
Select
Status of Building #1058
Wing HQ
701
702
Layers
structure_existing_area
OPORD Evaluation Res
Adequate
Exempt
Incomplete
Inadequate
Mitigated
N/S
vehicle_parking_area
road_area
installation_use_area
OPORD Status by Criteria
1 Direct Weapons Screening
2 Building Separation
3 Perimeter Standoff
4 Super Structure
5 Window Treatments
6 Entrance/Exits
7 Parking, Roads, Dropoff
8 Building Perimeter Protection
9 External Storage
10 Security Lighting
11 Mailroom Location
12 Utility Systems
All Criteria
LEGEND
Adequate
Incomplete
Inadequate
Exempt
Mitigated
N/S
OK
More >>
1058
1072
Display
Source
Drawing
Arial
10

FIG. 7

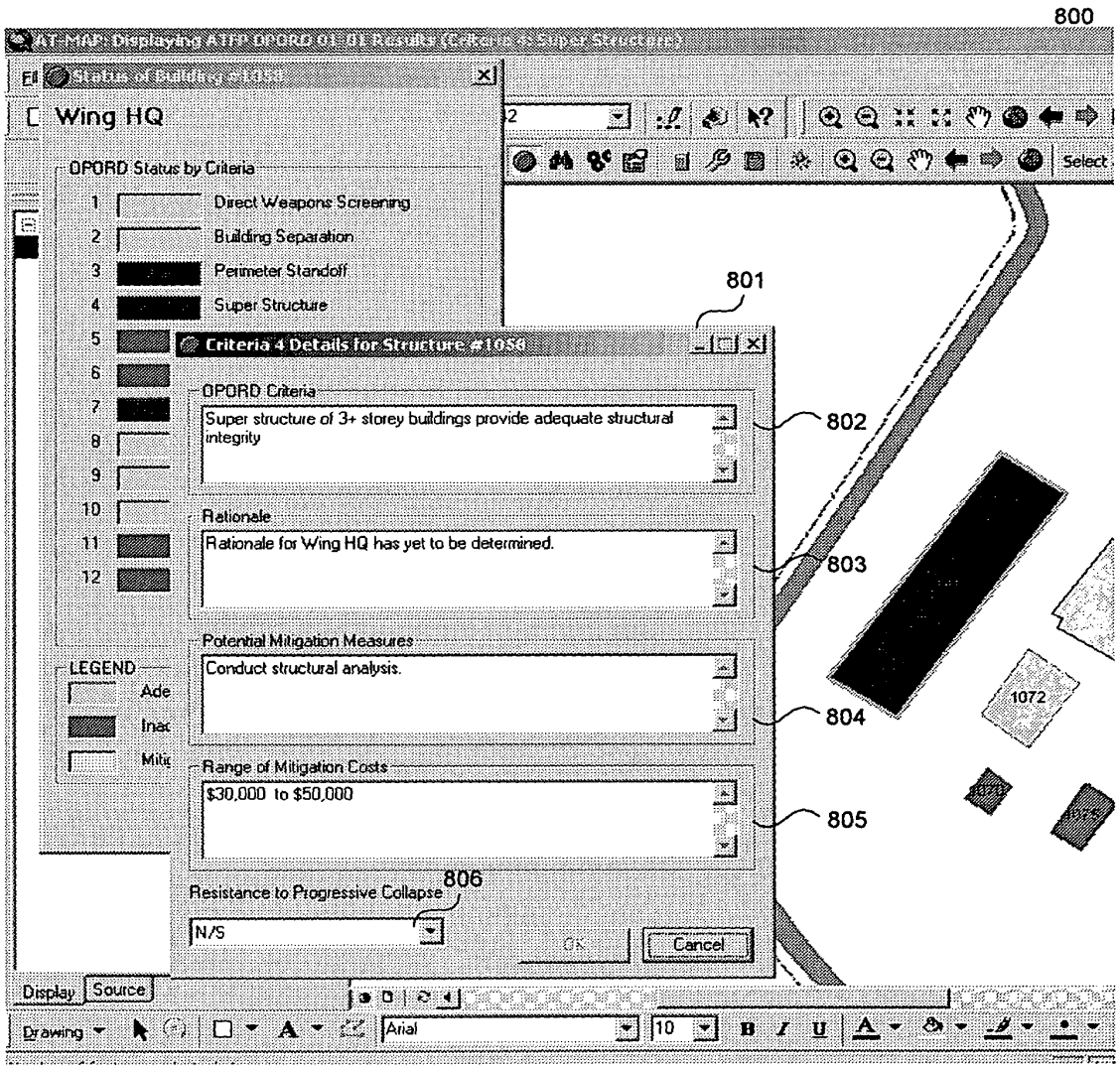

800
Wing HQ
OPORD Status by Criteria
1 Direct Weapons Screening
2 Building Separation
3 Perimeter Standoff
4 Super Structure
5
6
7
8
9
10
11
12
LEGEND
Ade
Inac
Miti
801
Criteria 4 Details for Structure #1058
OPORD Criteria
Super structure of 3+ storey buildings provide adequate structural integrity
802
Rationale
Rationale for Wing HQ has yet to be determined.
803
Potential Mitigation Measures
Conduct structural analysis.
804
Range of Mitigation Costs
$30,000 to $50,000
805
Resistance to Progressive Collapse
806
N/S
OK
Cancel
1072
Select
Display
Source
Drawing
Arial
10

FIG. 8

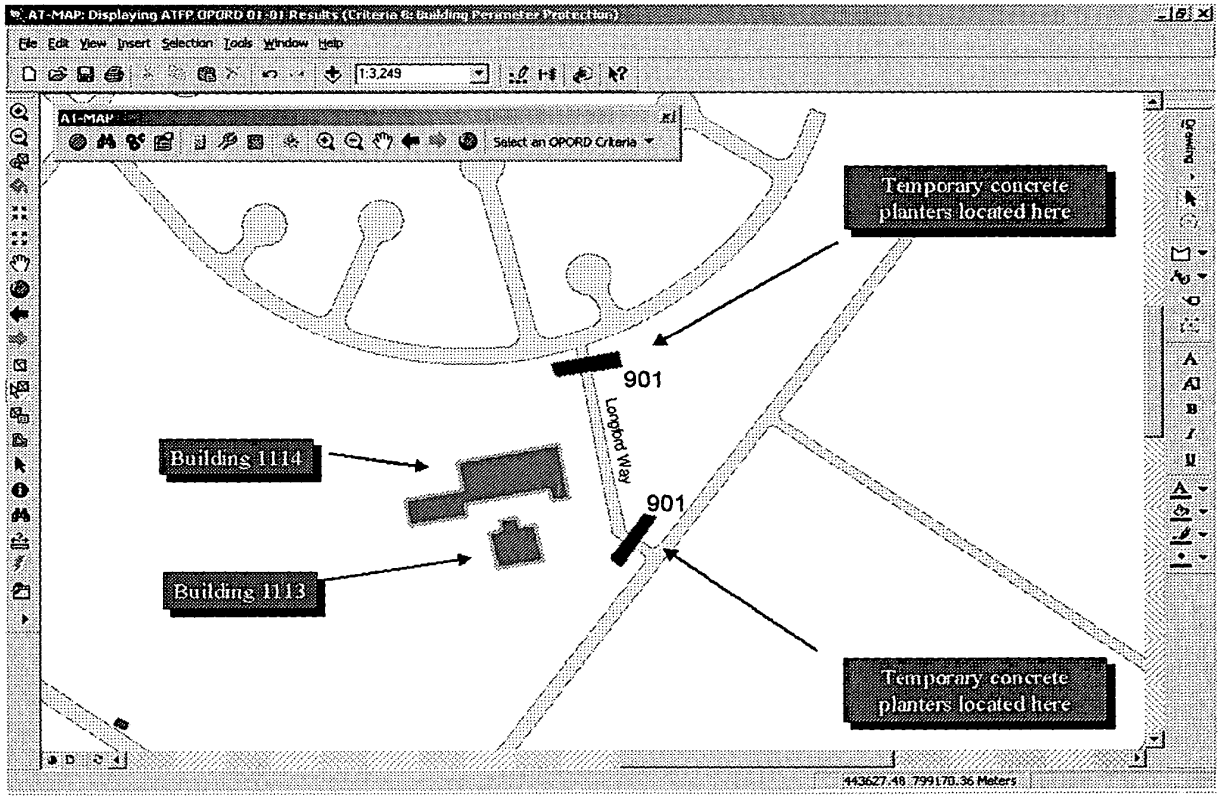
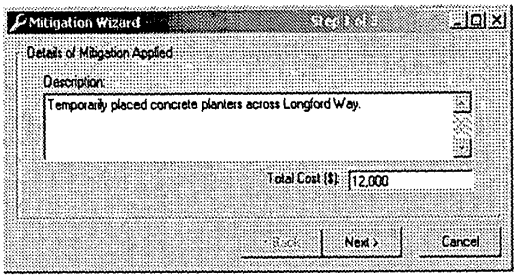
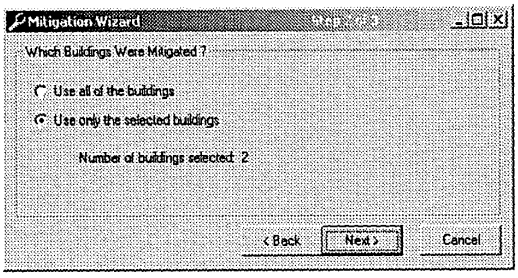

AT-MAP: Displaying ATFP OPORD 01-01 Results (Criteria & Building Parameters Protection)
File Edit View Insert Selection Tools Window Help
1:3,249
AT-MAP
Select an OPORD Criteria
Temporary concrete planters located here
901
Longford Way
901
Building 1114
Building 1113
Temporary concrete planters located here
Drawing
443627.49 799170.36 Meters

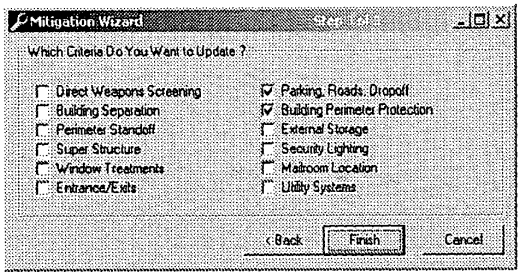
FIG. 9



1001



1002



1003

FIG. 10

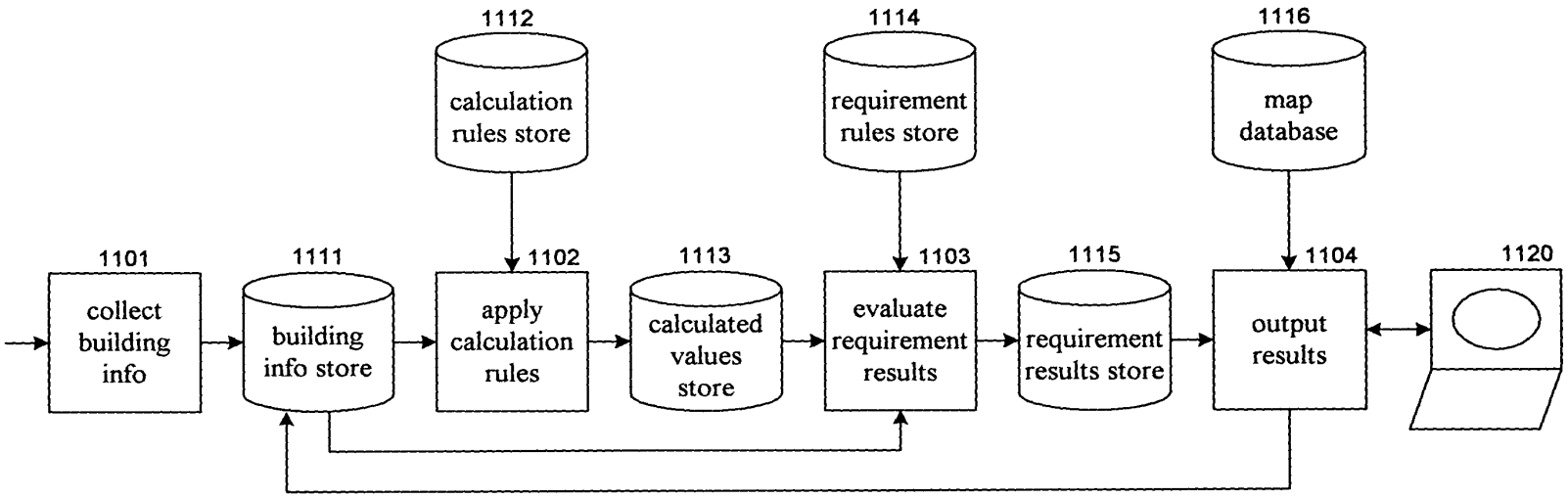

1112
calculation rules store
1114
requirement rules store
1116
map database
1101
collect building info
1111
building info store
1102
apply calculation rules
1113
calculated values store
1103
evaluate requirement results
1115
requirement results store
1104
output results
1120

FIG. 11

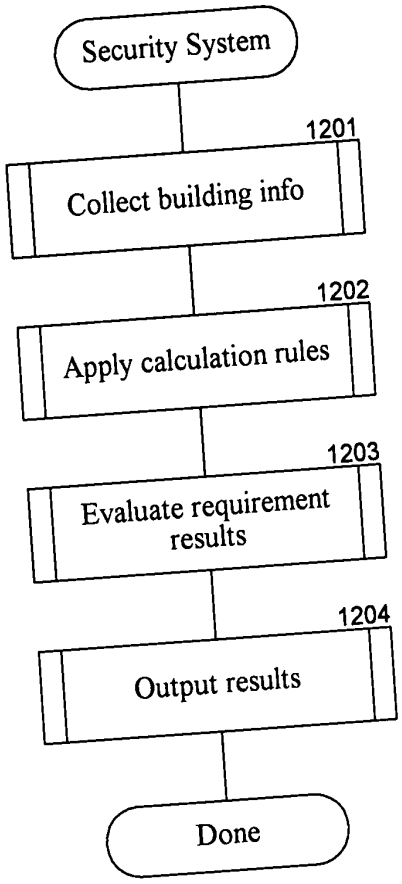

Security System
1201
Collect building info
1202
Apply calculation rules
1203
Evaluate requirement results
1204
Output results
Done

FIG. 12

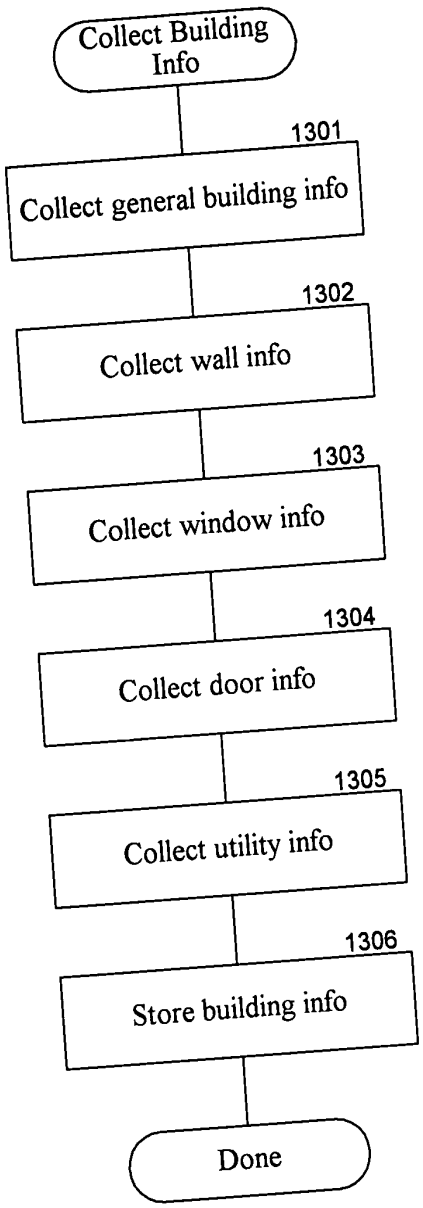

Collect Building Info
1301
Collect general building info
1302
Collect wall info
1303
Collect window info
1304
Collect door info
1305
Collect utility info
1306
Store building info
Done

FIG. 13

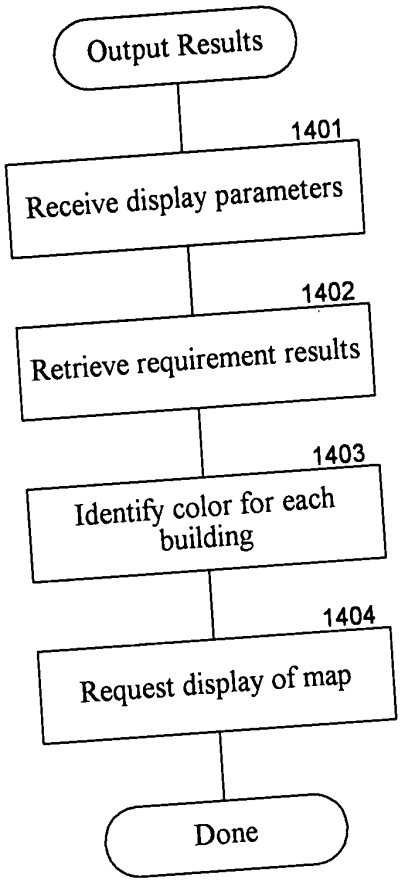

Output Results
1401
Receive display parameters
1402
Retrieve requirement results
1403
Identify color for each building
1404
Request display of map
Done

FIG. 14